

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/892,924
Filing Date	6/26/2001
First Named Inventor	Peter-Pike J. Sloan
Art Unit	2671
Examiner Name	KIMBINH T NGUYEN
Attorney Docket Number	MS1 0791US

Sheet 1 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
kn		US- 20010033284	10/25/2001	Chan	
kn		US- 20010056575	12/27/2001	Wei, et al.	
kn		US- 20020033837	3/21/2002	Munro	
kn		US- 5,490,246	2/6/1996	Brotsky, et al.	
kn		US- 6,297,833	10/2/2001	Ho, et al.	
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FOREIGN PATENT DOCUMENTS

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Examiner
Signature*Kimbinh T Nguyen*Date
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12-9-05

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NON PATENT LITERATURE DOCUMENTS

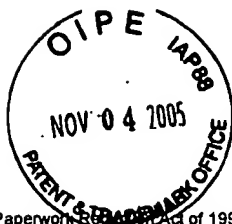
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Kn		Chapter 5: Shadow Generation Techniques, and Chapter 6: Mapping Techniques: Texture and Environment Mapping, pp. 155-201	
Kn		Woo, et al., "A Survey of Shadow Algorithms", University of Toronto: Department of Computer Science, pp. 1-29	
Kn		Chapter 1: Rendering Polygonal Objects, and Chapter 2: The Theory and Practice of Light/Object Interaction, pp. 3-48	
Kn		Kautz, et al, "Bump Map Shadows for OpenGL Rendering", MPI Informatik, Feb. 2000, pp. 1-20	
Kn		Kautz, "Shadow Bump Maps", available at http://www.mpi-sb.mpg.de/~jnkautz/projects/shadowbumpmaps/index.html , 4 pages	
Kn		"3D Graphics Demystified", NVIDIA Corporation, pp. 1-22, plus pp. 1-4	
Kn		Sloan, et al, "Interactive Horizon Mapping", Microsoft Research, pp. 1-7	
Kn		Heidrich, et al., "Illuminating Micro Geometry Based on Precomputed Visibility", Computer Graphics Proceedings, Annual Conference Series, 2000, July, 2000, pp. 455-326	
Kn		McCool, et al., "Texture Shaders", Proceedings 1999 EUROGRAPHICS / SIGGRAPH Workshop on Graphics Hardware, August, 1999, pp. 117-126	
Kn		Segal, et al., "Fast Shadows and Lighting Effects Using Texture Mapping", Computer Graphics, vol 26, no 2, July 1992, pp. 249-252	

Examiner Signature	<i>Kimbinh T Nguyen</i>	Date Considered	12-9-05
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
kn		Kautz, et al., "Towards Interactive Bump Mapping with Anisotropic Shift-Variant BRDFs", Max-Planck-Institute for Computer Science, 8 pages.	
kn		Zhang, "Forward Shadow Mapping", University of North Carolina at Chapel Hill: Department of Computer Science, pp. 131-138.	
kn		Williams, "Casting Curved Shadows on Curved Surfaces", Computer Graphics, vol 12, no 3, August 1978, New York Institute of Technology: Computer Graphics Lab, pp. 270-274	
kn		Blinn, "Simulation of Wrinkled Surfaces", Computer Graphics, vol 12, no 3, August 1978, Caltech/JPL, pp. 286-292	
kn		Max, "Horizon Mapping: Shadows for Bump-Mapped Surfaces", The Visual Computer, 4, 1988, pp. 109-117	
kn		Sloan, et al., "Shadowed Bump Maps", Figures A-O, pp. 1-27	
kn		Heidrich, et al., "Applications of Pixel Textures in Visualization and Realistic Image Synthesis", 1999 Symposium on Interactive 3DGraphics, pp. 127-134	
kn		Heidrich, et al., "Realistic, Hardware-Accelerated Shading and Lighting", Max-Planck-Institute for Computer Science, 8 pages	

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Signature

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